

# **PUBLIC NOTICE**

## **PERMIT APPLICATION: NRS # 06.039**

**APPLICANT:** CSX Transportation  
500 Water Street J-275  
Jacksonville, FL 32202  
904-359-3101

**LOCATION:** Tributaries to Sturgeon Creek and associated wetlands, western side of CSX tracks between Cedar Hill and Adams, Robertson County 36.5670 °N, -87.0376 °W

**WATERSHED DESCRIPTION:** Sturgeon Creek is located in the Red River watershed (HUC TN05130206) and is fully supporting its designated water quality uses (recreation, fish and aquatic life, livestock watering and wildlife, and irrigation). The tributaries affected by this project were assessed as part of Sturgeon Creek. Three streams are in this project area. The stream channels range from 1' to 4' wide, substrate of rock and clay, mixed herbaceous and hardwood riparian zones, and intermittent flow. The seven wetlands in this project are within the managed rail road right of way and are emergent (dominated by sedges, rushes and cattails - wetlands 2,5,6), scrub-shrub (dominated by button bush, willows or sweetgum saplings – wetlands 1, 3, 4), or forested (dominated by sweetgum and willow oak - wetland 7). A portion of wetland 4 outside of the project area is forested. (Representative photos of the streams and wetlands are included on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/wpcppo/arap>)

**PROJECT DESCRIPTION:** The applicant proposes to fill a total of 0.23 acres of wetlands and place approximately 35 linear feet of culvert on each of three streams for the purpose of creating 2 miles of new rail siding. Stream 1 flows through a 30" culvert, stream 2 flows through an 82" culvert, and stream 3 flows through a 3'x3' box culvert. All three culverts will be extended approximately 35 feet. The wetland fill of 0.23 acres breaks down between the wetlands as follows: wetland 1 (400 sq. ft), wetland 4 (6875 sq.ft.), wetland 5 (575 sq. ft.) wetland 6 (2000 sq. ft.), and wetland 7 (225 sq. ft.). Wetlands 2 and 3 are outside of the project corridor.

All wetlands areas to be avoided will be flagged and fenced off.

The applicant proposes to mitigate for the 0.23 acres of wetland fill by purchasing credits from the Harpeth River Mitigation Bank.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

**PERMIT COORDINATOR:** Juliana W. Kyzar

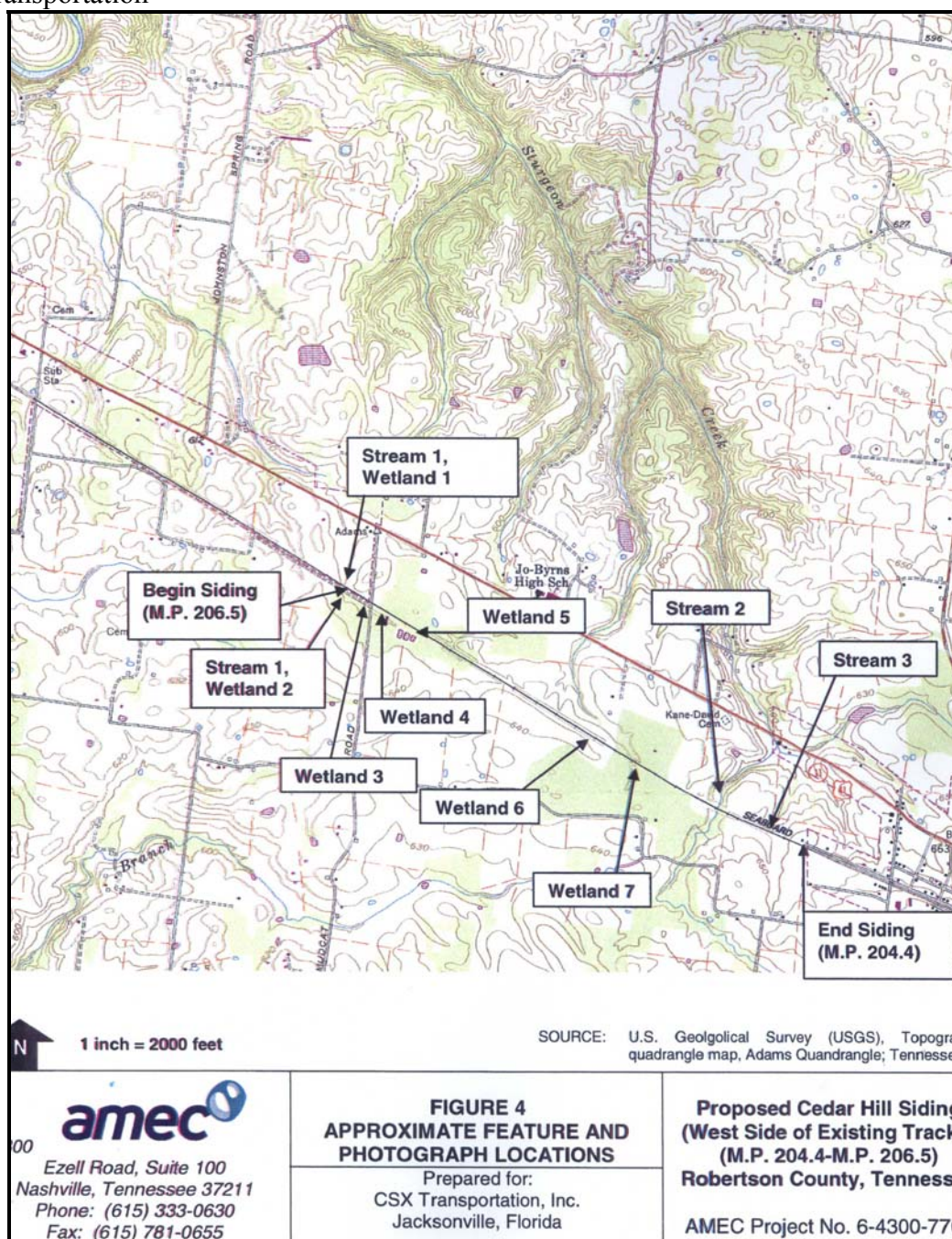
**USGS TOPOGRAPHIC QUADRANGLE:** Adams 303 SE



**Photo 1:** Stream 1 and wetland 1



**Photo 2:** Wetland 4



**Figure 1:** USGS 7.5-minute topographic map with project area and impacts indicated

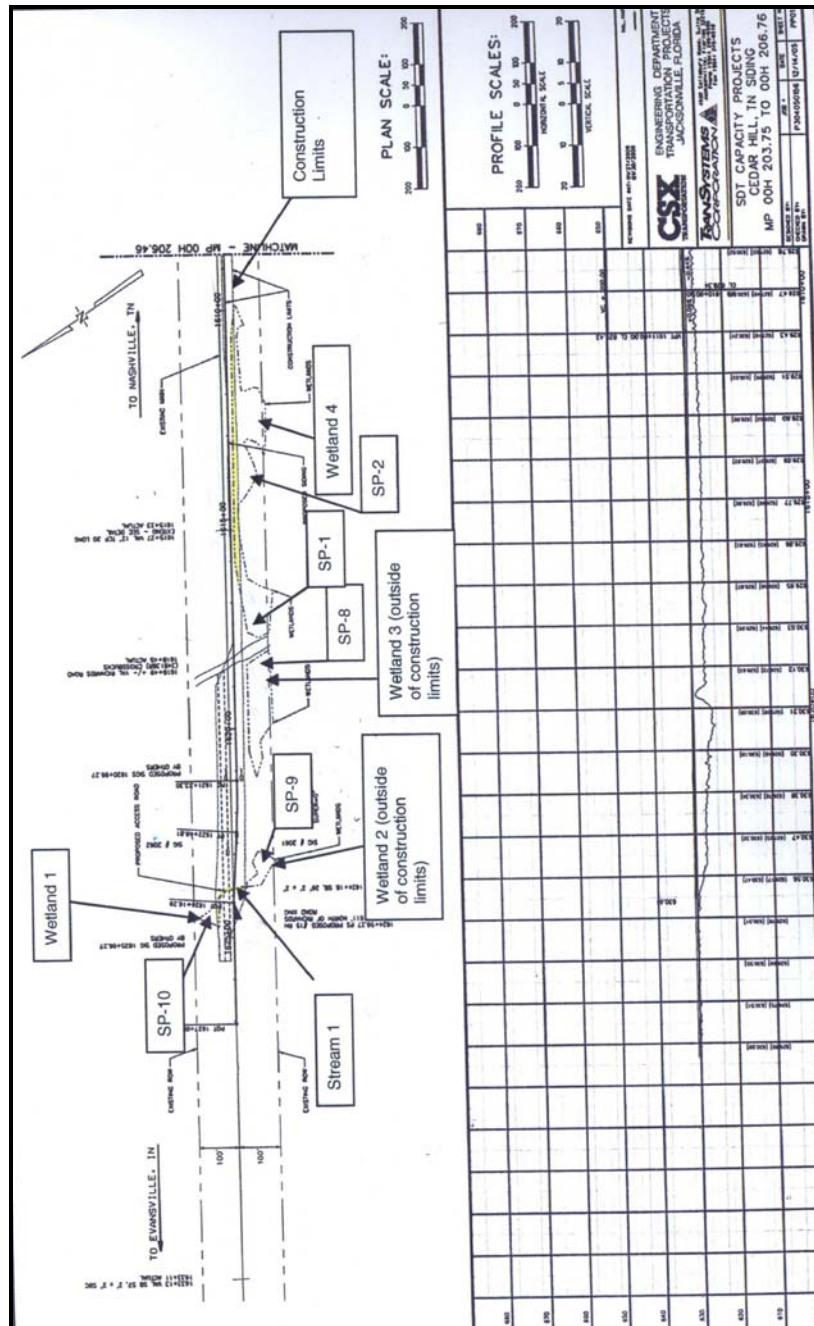


Figure 2: Location of wetlands 1, 2, 3, 4 and stream 1

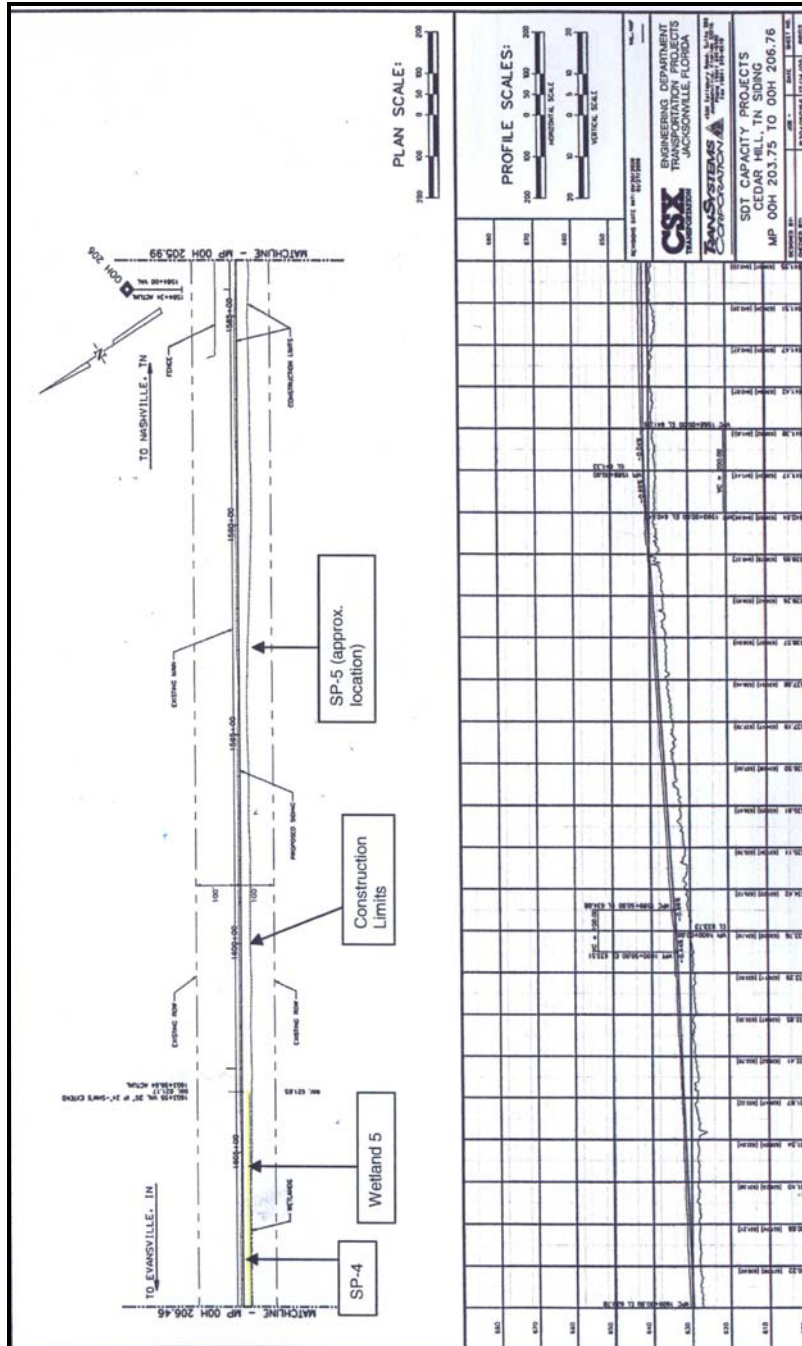
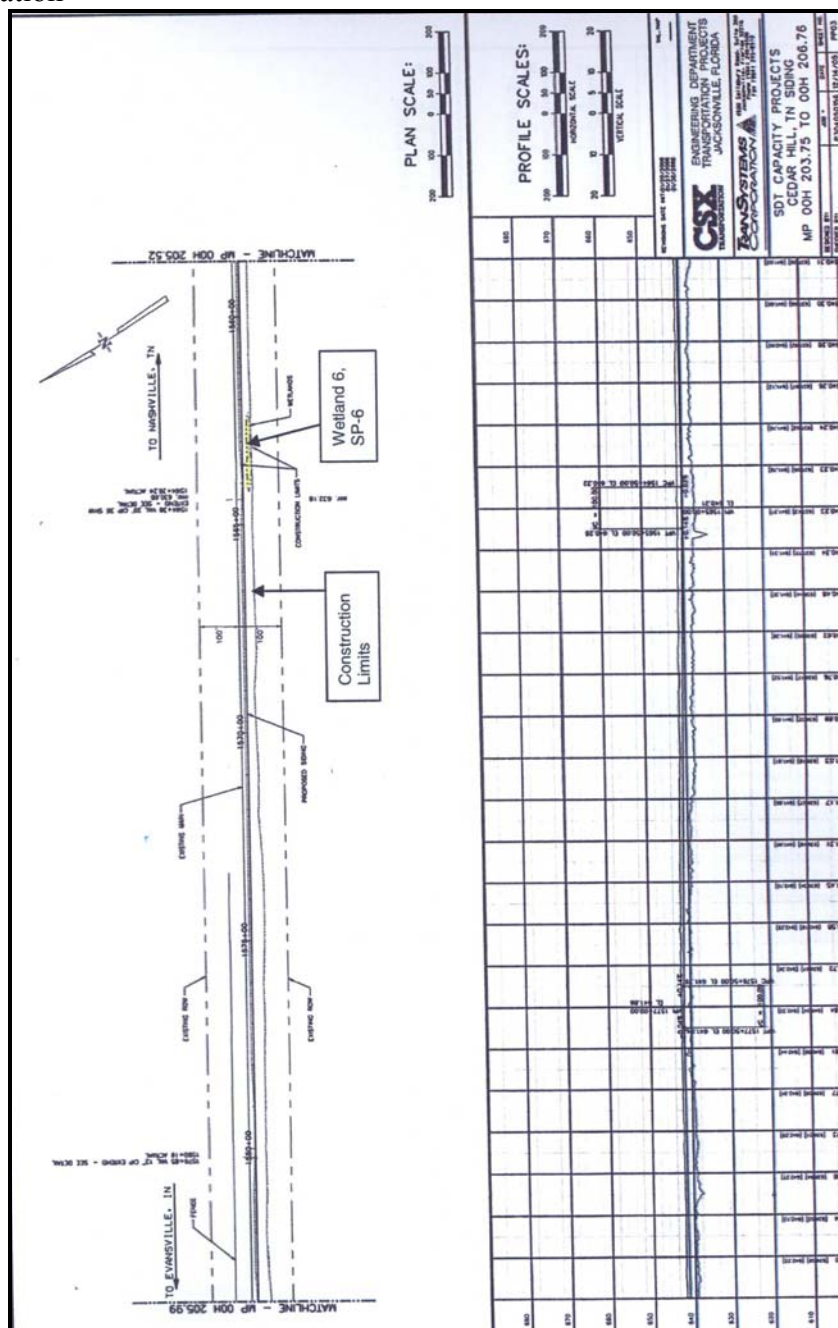


Figure 3: Location of wetland 5



**Figure 4: Location of wetland 6**

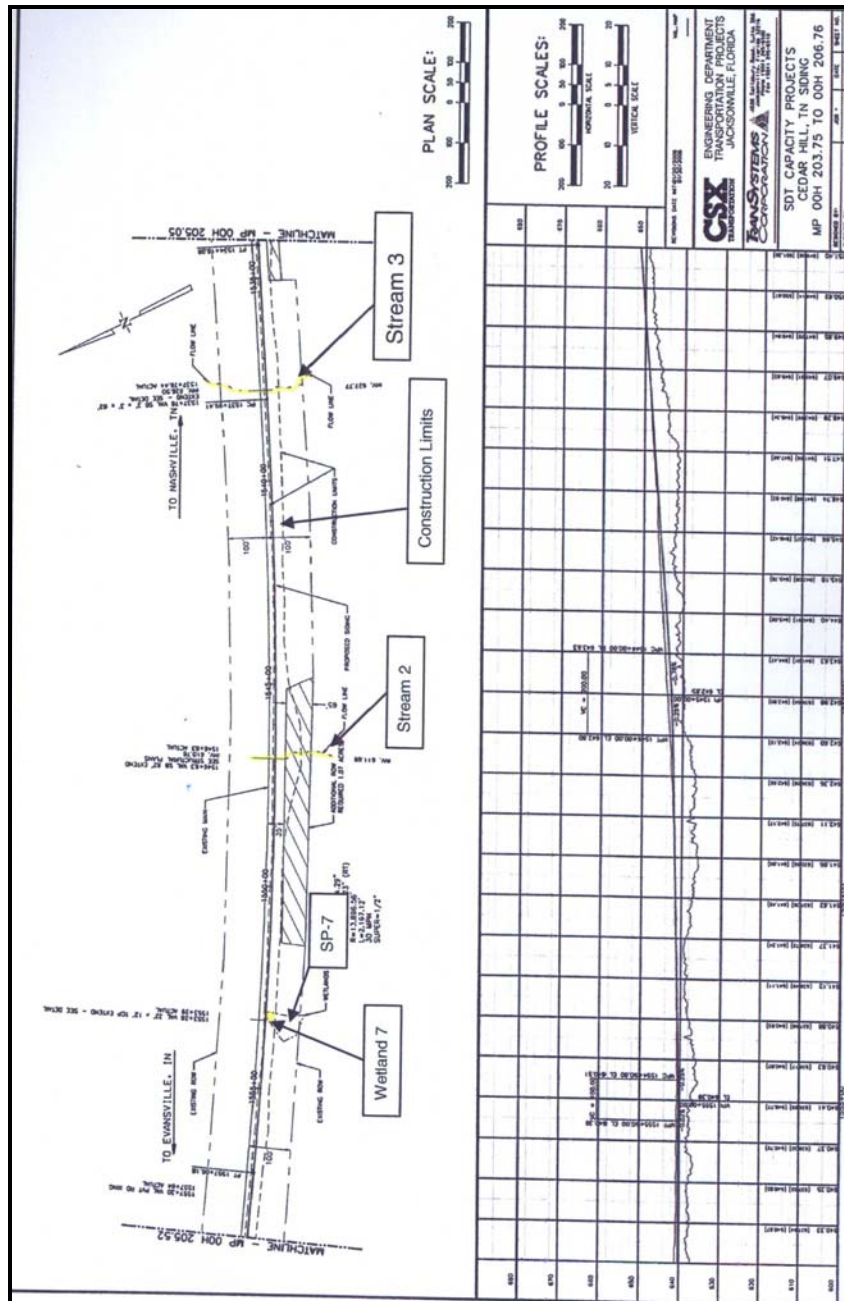


Figure 5: Location of wetland 7, stream 2 and 3